



• Manual TP 343

TABLE OF CONTENTS:

1. Useful start-up information	4
1.1. Handling and care instructions	4
2. General information/Specifications	5
2.1. General information	5
3. Safety information	5
3.1. General information	5
3.2. Thermal print head characteristics	6
3.3. Care instructions for thermal transfer printing	6
4. Scope of delivery	7
5. Printer preparation	8
5.1. Loading the thermal transfer ink ribbon	8
5.2. Loading the WAGO marking strips and preparing the TP343 for printing markingSTRIP	10
6. Printer installation — printer configuration	13
6.1. Power supply	13
6.2. Computer connections	13
7. Printer driver installation	14
7.1. Printer driver installation	14
7.2. Installing the ProServe software	19
8. The WAGO ProServe applications	20
8.1. Printer driver settings	20
8.2. Working with smartDESIGNER	24
8.3. Working with smartMARKING	31
8.4. Preparation for printing core markers	39
9. Servicing the unit	47
9.1. Cleaning the print head	48
9.2. Application errors and solutions (table)	49
9.3. Calibrating the marker sensor for material with gaps	50
9.4. Registration form	51

1. Useful start-up information

Dear Customer,

Thank you for choosing the WAGO TP343 Thermal Transfer Printer.

You are getting a unit that has been calibrated especially for WAGO "markingSTRIP" labels (Item No. 2009-0110) and for WAGO core markers (Item No. 211-111 and 211-121); a product manual is also included with this product. In order to make it easier to start using these new marking techniques, WAGO offers the following support options:

1. Registration form
2. Manual TP343
3. WAGO ProServe 5 - CD
4. Telephone and e-mail product support service

Technical Support ProServe

WAGO Kontakttechnik GmbH & Co. KG

Hansastraße 27 · D-32423 Minden

Tel. +49 571/887-630

Fax +49 571/887-8630

Email: support.proserve@wago.com

Internet: <http://www.wago.com>

You can contact us from

Monday to Thursday 8:00 a.m. to 5:00 p.m. Friday 8:00 a.m. to 3:00 p.m

During all other times, please leave a message – your message will be returned promptly.

Please do not hesitate to contact WAGO ProServe Technical Support with any questions regarding the software or the TP343 thermal transfer printer. Our specialists will gladly assist you.

1.1. Handling and care instructions:

To optimize usage and help ensure a longer lifecycle, please take into account the following:

1. Be careful when closing the housing; forcing the cover closed may damage the catch.
2. Although the printer has minimal maintenance requirements, upkeep is essential to maintain maximum performance. Please note the care instructions on Page 47.

2. General information/Specifications

2.1. General information:

The innovative WAGO marking system is the cost-effective solution for labeling terminal blocks.

The new TOPJOB®S terminal blocks with WAGO's CAGE CLAMP®S connection technology is the newest solution to reducing the cost of terminal block labeling. The centered inscription receptacles for all terminal blocks range in size from 1.5 mm² to 6 mm² and from 10 mm² to 16 mm² and align at the same height. This is a prerequisite for marking using a full-length marking strip for terminal blocks of different cross sections.

The cost saving solution: A marking sequence assigned to the terminal block width can be generated automatically when creating the terminal block configuration using the WAGO smartDESIGNER program. Using this data, the marking strip is printed directly from a thermal transfer printer.

Please observe all information relating to the applicable print media and the notes on maintenance in order to avoid damage and premature wear and tear on the printer.

3. Safety information

3.1. General information:

NOTICE:

- The unit must be used exclusively for printing labels, endless paper, similar materials for WAGO labeling materials.
- Connect the device only to a power supply with suitable voltage; the device requires AC voltages between 100 and 240 volts. Connect the device using a plug with a ground terminal!
- The printer may be interfaced only to devices that carry protective, extra-low voltages!
- Please ensure that all interfaced devices (printer, computer, etc.) are turned off at the time of connection! The devices must also be turned off before disconnecting!
- Please ensure that the printer is not exposed to moisture!
- It is possible to operate the printer while the cover is open, however the rotating/moving parts are accessible. Please ensure that hair, jewelry or similar items do not come into contact with the moving parts!
- The print head module may heat up during the printing process. Use caution when touching the module!
- Do not use the device in a manner that is different than those described in the product's instruction manual!

3.2. Thermal print head characteristics:

NOTICE:

The thermal print head is the most sensitive part of the printer. Please observe the following:

- Do not touch the print head's protective glass layer by hand. Do not use sharp objects (e.g., a knife or screwdriver) while cleaning the print head.
- During the print process, ensure that the inscription material is dirt-free and that dirt cannot be pulled under the print head. This may damage the head.
- Ensure a smooth inscription surface. Rough surfaces act like sandpaper, and reduce the life of the print head.
- **Clean the head regularly (see section 9.1).**
- If possible, print with a low print head temperature.

The print head can easily be damaged if handled inappropriately. Damages resulting from inappropriate handling will forfeit the warranty.

3.3. Maintenance information for the thermal transfer printer:

Routine maintenance for the print head and the roller is essential in prolonging the lifespan of these components.

When inscribing "markingSTRIP," clean the device after every 50 meters.

You will find detailed instructions in this manual on Page 47.

4. Scope of delivery

Please check the condition of the printer immediately upon receipt to ensure that nothing has been damaged in transit.

NOTICE:

Be sure to keep the original packaging in case the printer must be shipped at a later date!

The standard scope of delivery includes:

- Thermal transfer printer TP343
- Power supply and cable
- Parallel Centronics cable 1.5 m and USB cable 1.5 m
- 2 empty ink ribbon cores 104 mm
- 1 special spool unwinding unit WAGO markingSTRIP (see Fig. 2)
- 1 special strip guide for markingSTRIP (see Fig. 1)
- 1 special label spindle for 1"-cores (see Fig. 3)
- 1 external unwind stand (see Fig. 3)
- 1 special label spindle for 3"-cores (see Fig. 4)
- Operating manual
- WAGO ProServe CD
- Registration form
- Adapter for international mains sockets

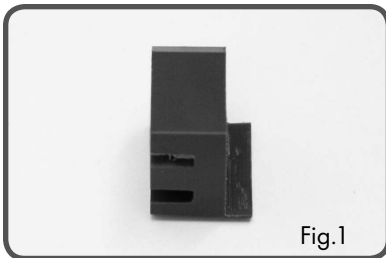


Fig.1



Fig.2

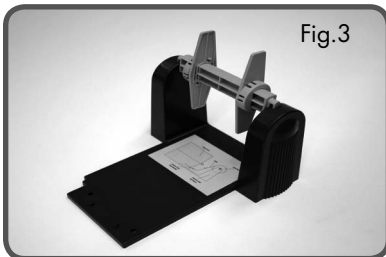


Fig.3

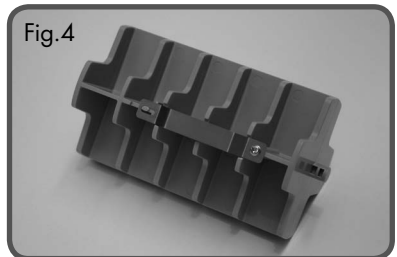


Fig.4

5. Printer preparation

5.1. Loading the thermal transfer ink ribbon:

Please use the following ink ribbons for WAGO labeling materials:

Resin film (Order No. 258-145)

Resin film (Order No. 258-150)

Resin-wax film (Order No. 258-144)

for markingSTRIP (Order No. 2009-110)

for conductor identification material Series 211

for label material

To load the ink ribbon, press the lever (Fig. 5) forward to open the print head. Raise the top part of the printer as far as the stop.

CAUTION: Do not force the top part of the printer closed, as this may break the catch. To close, simply raise the top part slightly, the printer will then close automatically.

CAUTION: When closing, please be careful not to trap fingers between the top and bottom printer unit.



Fig.5



Fig.6

Now, remove the printer's roll holder by pushing it gently to the left against the spring.



Fig.7

After unpacking the ink ribbon, slide it onto the rear roll holder. Please ensure that the mat side is unwound so that it comes into contact with the labeling material.

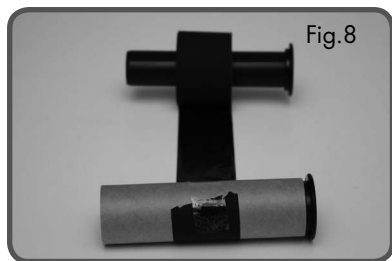


Fig.8



IMPORTANT:

The raised ends of the ink ribbon spindles are always inserted into the printer holder on the right (see also Fig. 8).

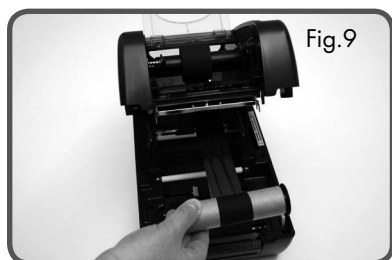


Fig.9



Fig.10

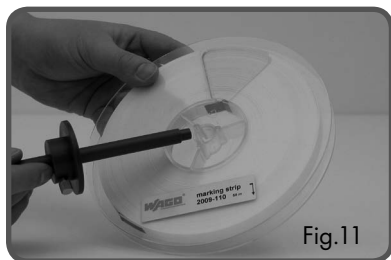
Please remember to note which side of the ink ribbon is coated!
When fitting, the coated side must be on the side facing away from the print head.
If unsure which is the coated side, test with a piece of tape – the coated side of the ribbon will leave traces of ink on the tape.

5.2. Loading the WAGO labeling strip and preparing the TP343 for printing markingSTRIP

The following marking strips are available from WAGO:

2009-110	Strips for TOPJOB®S Series – width 11 mm – 50 m – white
2009-130	Strips for TOPJOB®S Series – width 11 mm – 50 m – white (requires an external unwinder, Order No. 258-169)
709-177	Strips for Series 870, 869, 862, 270 – width 7.5 mm – 50 m – translucent
709-178	Strips for Series 870, 869, 862, 270 – width 7.5 mm – 50 m – white
709-187	Strips for Series 870, 869, 862, 270 – 7,5 mm breit – 300 m – translucent
709-188	Strips for Series 870, 869, 862, 270 – 7,5 mm breit – 300 m – white

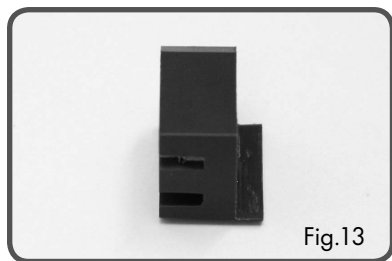
Make sure that the device is turned off.



Place the spool on the special unwind unit as shown in Figure 11.

Next, tighten the fixing screws on both sides. The unwind unit is then placed on the appropriate unwinder (Fig. 12).

Always loosen the print head when the printer is not in use for an extended period of time; this helps avoid abrasion and defects.



Top strip guide

The strip guide projects by approx. 3.5 mm at the bottom. This projection is important for printing 7.5-mm markingSTRIP.



This strip guide can be removed from the printer by pulling the green guides apart. The strip guide must then be fitted to accommodate what will be printed; e.g., if printing an 11-mm markingSTRIP, then the guide should be fitted with the short side downward. If switching to a 7.5-mm markingSTRIP, then simply turn the strip guide over.



Fig.15

Feeding in the markingSTRIP material



Fig.16

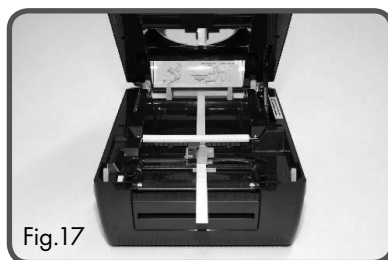


Fig.17

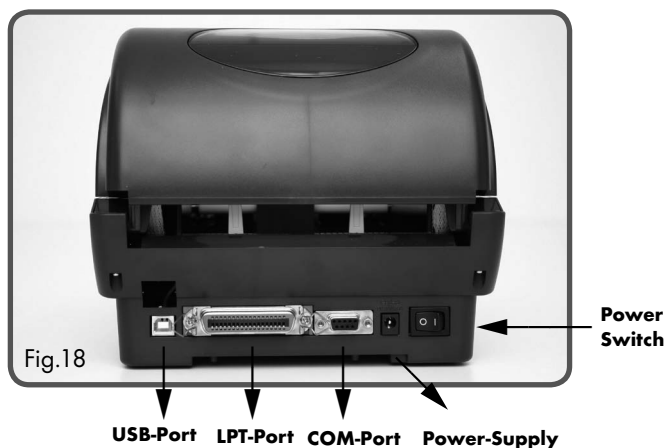
Figures 16 and 17 show feeding in an 11-mm markingSTRIP. Please ensure that the material forms a straight line from the unwinder to the roller.

Then close the printer cover.

CAUTION: The top printer unit must be raised before feeding the material into the unit!

6. Printer installation — printer configuration

Stand the printer on a smooth, firm and flat surface. Never position the printer in a location where the device could become damp!



Before connecting the printer to the power supply, ensure that the printer's power switch is in the "O" position (OFF).

6.1. Power supply:

Connect the power supply, included in the accessories, to the power cable and plug the power supply cable into the power connector at the rear of the printer. Then connect the mains cable to a grounded socket.

6.2. Computer connections:

As standard equipment, the TP343 has a parallel Centronics interface, a serial RS-232 interface and a USB interface. A Centronics and a USB cable are included in the scope of delivery.

Please select the appropriate connection type and use it to connect the printer to the PC system.

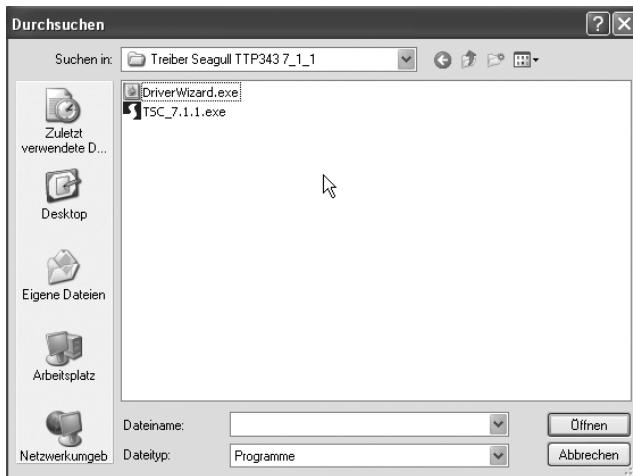
When all necessary connections have been made, turn the printer on by actuating the power switch. The printer will run through a quick system check. At the end of the check, the ONLINE button will become green, indicating that the printer is ready for use.

7. Printer driver installation

7.1. Printer driver installation:

Please use the latest driver, see: www.wago.com
under SERVICE / Download / ProServe / WAGO smartMARKING

The Web site will provide the file "TSC_7.1.1.exe." This is a self-extracting ZIP file, which can be started by double- clicking.



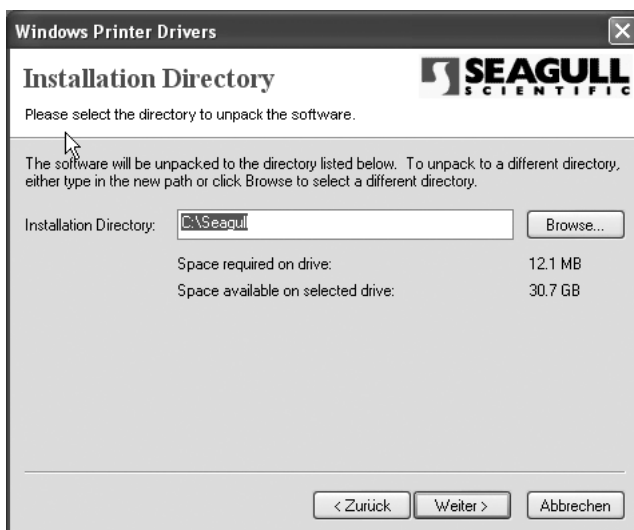
This driver is approved for use with the Windows 2000/XP and VISTA operating systems.

After the security warning, which should be confirmed with <RUN>, the license agreement will appear next:



Please accept these conditions by clicking NEXT.

This is followed by the allocation of the temporary directory. Here, choose any directory, which may be deleted upon completion of the installation.



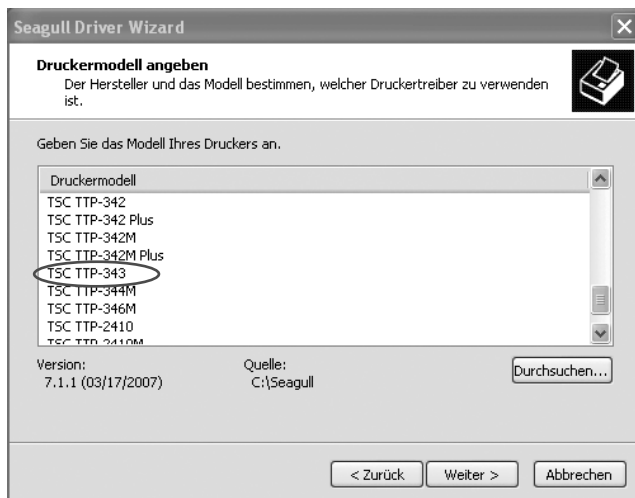


In the options, choose whether a README file and a driver installation assistant are to be started after the unpacking process.

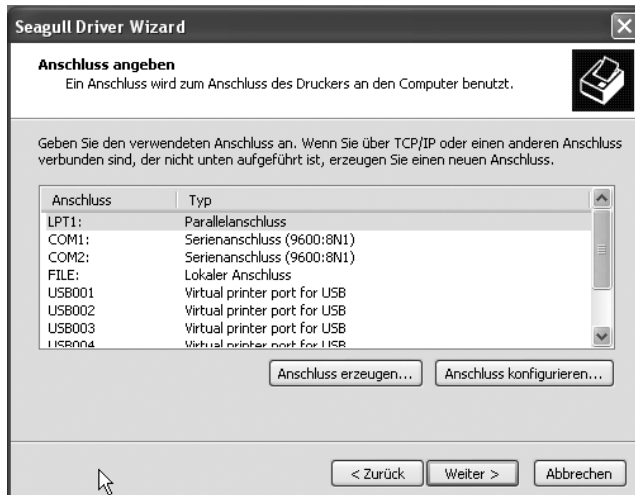
Driver installation assistant



Please click NEXT



Mark the driver TSC TTP-343.



Next choose the printer connection.



The printer name can be accepted; however, choosing a name is also possible.



This completes the printer driver installation.

7.2. Installing the ProServe software:

SStart installation from the ProServe CD by placing the CD in the drive and waiting for the start menu. Next, choose the preferred language. Then switch to the installation area:



If using an older version of ProServe, please uninstall this via START /Control panel /Software!

Choose the required program and then click on the area indicated above to start the installation.

Further information relating to setup (e.g., the uninstallation of an older version of the ProServe software) can be found in the Quickstart brochure in PDF format on the ProServe CD in the directory \Manuals\SmartDesigner_and_productLocator.

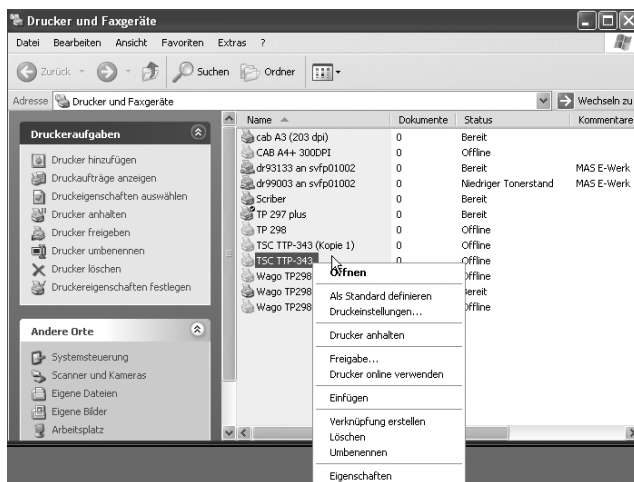
SmartMARKING can easily be uninstalled via Control panel /Software.

Additional information relating to smartMARKING can be found in the smartMARKING manual, which may be downloaded from www.wago.com.

8. The WAGO ProServe applications

8.1. Printer driver settings:

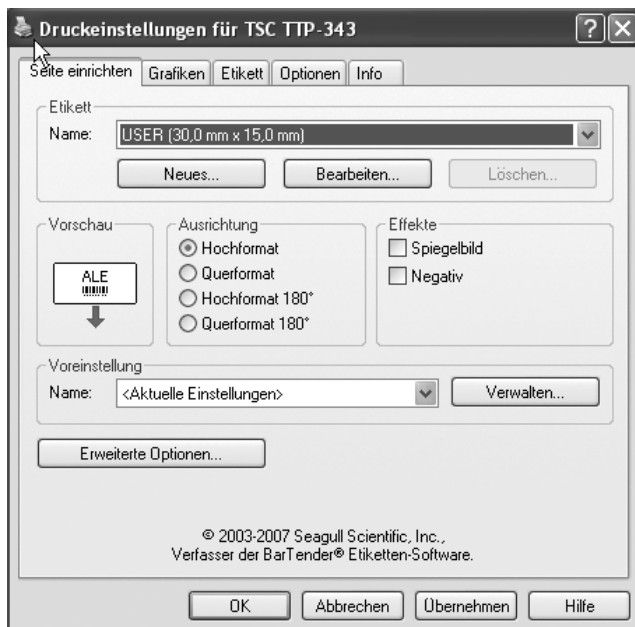
In order to print markingSTRIP, the printer driver requires a few additional settings. First, open the print settings via START/Printers and faxes. To do this, click on the TSC TTP 343 printer icon with the right mouse button.



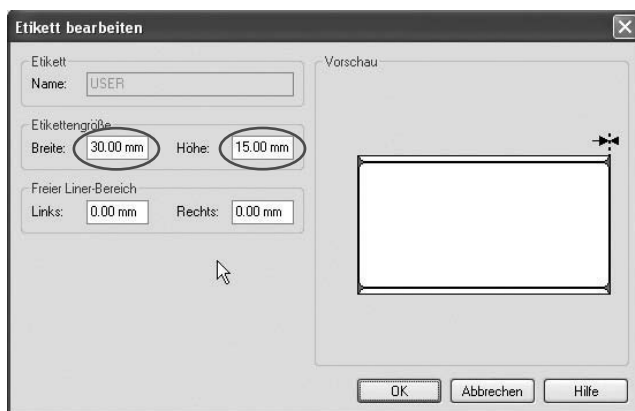
The following window will appear:



Click on the "Page setup"
tab

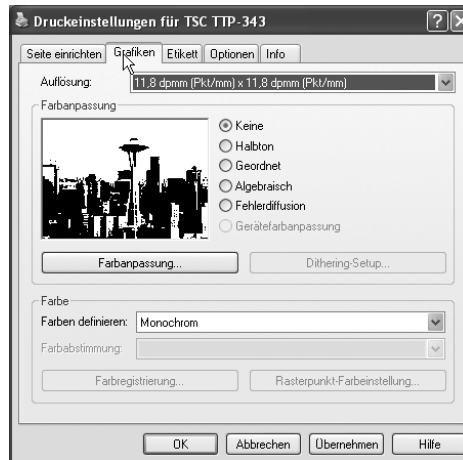


Next, click EDIT. It is important here to choose the USER template.

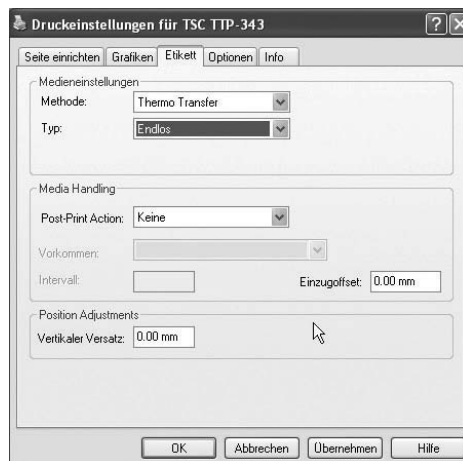


Please change the values as specified above and confirm with OK.

Back in the "Page setup" tab, confirm entries with "ACCEPT."



No changes are necessary in the “Graphics” tab.

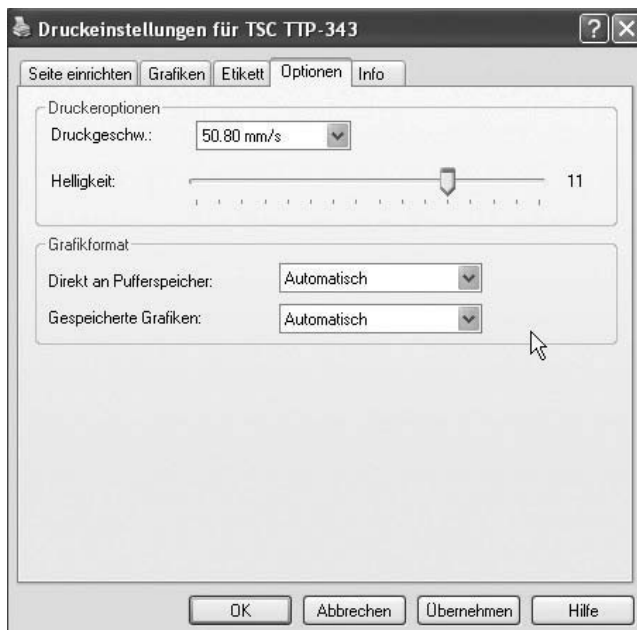


In the “Label” tab, please change the following settings:

Method: Thermal transfer
Type: Endless

Post print action: None

Please confirm the entries with “ACCEPT.”



In the "Options" tab, please change the

Print speed : to 50.80 mm/s (i.e., millimeters/second)
and the brightness: to 11;

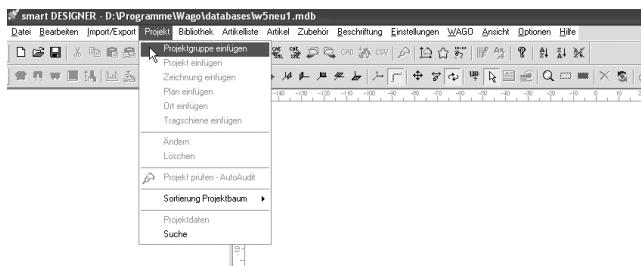
confirm the entries with "ACCEPT."

All changes to the driver have now been made. An inscription file can now be created.

8.2. Working with WAGO smartDESIGNER:

After installation, the PROSERVE icon will appear on the desktop. Please start this program by double-clicking.

The start menu will be displayed. Now, please select smartDESIGNER.

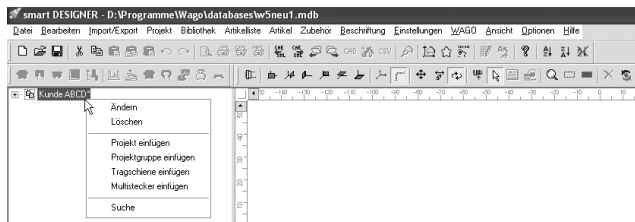


To work with smartDESIGNER, it is necessary to first create a project group in order to save the new project. To do this, proceed as follows:

Click on PROJECT/Create project group and assign a name.

This name will then be displayed at the top left in the hierarchy overview.

Click with the right mouse button on the project description and select the next step from the context field.



It is now possible to execute functions such as creating a carrier rail.

Next, the assistant will request assigning a name to the carrier rail. It is possible to choose options such as "different carrier rails," "different end stops," "start position for the first item," "length of carrier rail," etc.

Tragschiene

Tragschiene:

Name: Testtschiene1

Artikel: 210-112 Stahl-Tragschiene 35x7,5 mm, 1 mm dick gelocht

Endklammer: 249-116 Schraubenlose Endklammer 6 mm breit TS 35

Montageadapter: ohne Endklammer

Beschreibung:

Startposition: 15.00

Startposition + Endüberstand + projektierte Länge: 15.00

Länge: 300.00

Projektierte Länge: 0.00

Endüberstand: 0.00

Einheit: ☒ mm ☐ inch

Zentrieren

Automatisch setzen

Anzahl symmetrisch gesetzter Bohrungen:

Anfang TS - erste Bohrung:

Ende TS - letzte Bohrung:

Größe der Bohrungen:

Art der Bohrungen:

Langloch

angeschrägtes Langloch

Rundloch

Vierkanthoch

Setzen

Position	Länge	Durchmesser	Breite	Form	Schrauben
0.00	25.00	0.00	5.20	Langloch	
36.00	25.00	0.00	5.20	Langloch	
72.00	25.00	0.00	5.20	Langloch	
108.00	25.00	0.00	5.20	Langloch	
144.00	25.00	0.00	5.20	Langloch	
180.00	25.00	0.00	5.20	Langloch	
216.00	25.00	0.00	5.20	Langloch	
252.00	25.00	0.00	5.20	Langloch	
288.00	25.00	0.00	5.20	Langloch	

Setzen

Ändern

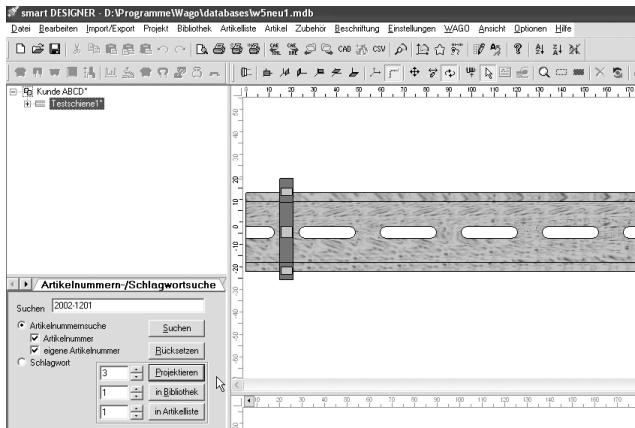
Löschen

Alles löschen

Abbrechen

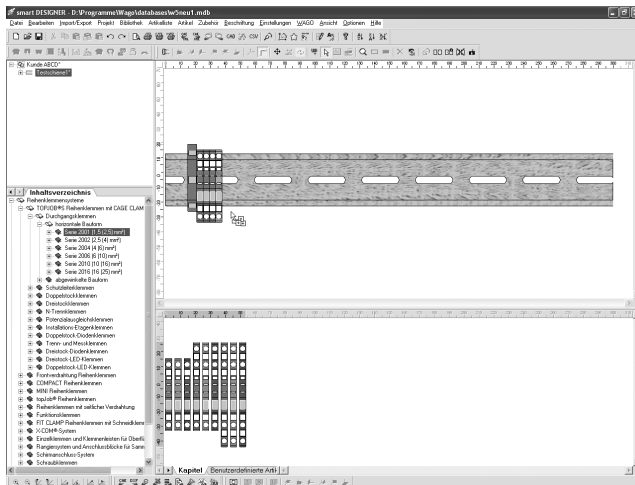
OK

Use OK to confirm entries.



It is now possible to enter WAGO item numbers directly and place them on the carrier rail with PROJECT (see illustration above).

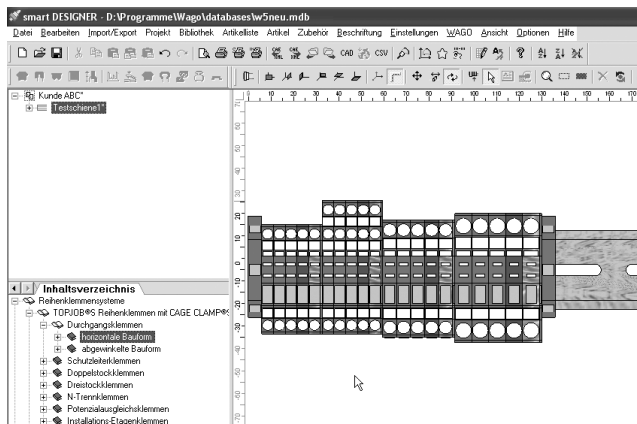
The contents list is another search option.



Here, search for the appropriate item in the item hierarchy. An overview will be produced at the bottom right as soon as the last stage of the hierarchy has been reached.

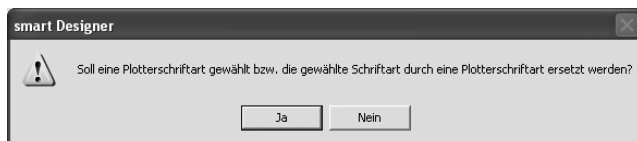
Now populate the terminal rail using the drag-and-drop method.

Ensure that the "Free positioning" icon (see circle) is deactivated.

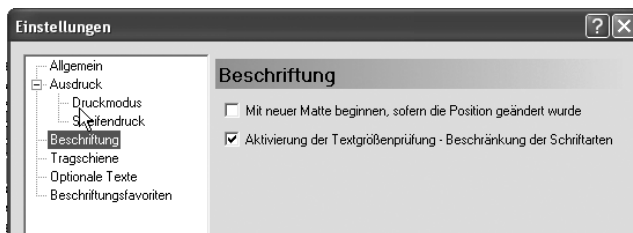


When the terminal rail has been completely populated, mark the first label on the left (red circle), press and hold the shift key and mark the last label on the rail (green circle). The whole range for the markingSTRIP will be marked automatically.

Next, click on the inscription icon (blue circle). Then select the required inscription in the following window (select the label strip 2009-0110 here for the TP343).



If this results in an error message, reply with NO and close the assistant. Then click on OPTIONS in the header bar and then on SETTINGS.

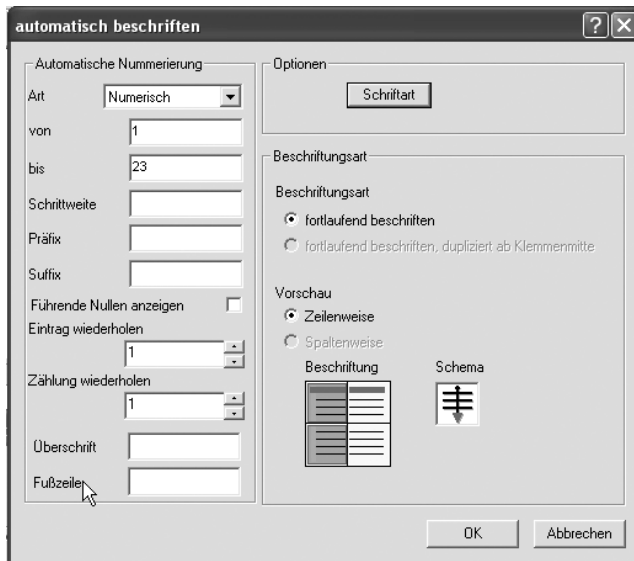


Under "Inscription," deactivate the "Activate text size check" option. "Font limitation." This option must only be deactivated once.

Restart the inscription process.

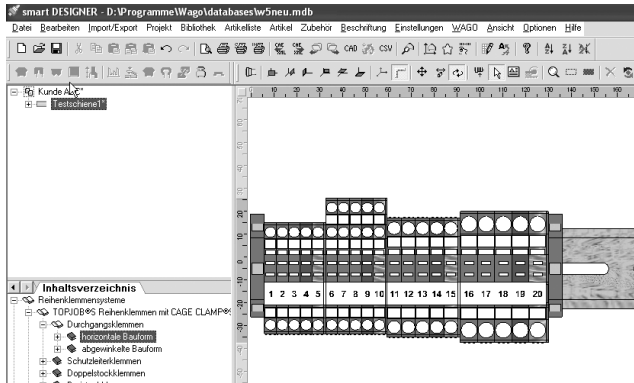


First mark all the cells that are to be inscribed, with the mouse pointer. Then click on the assistant.

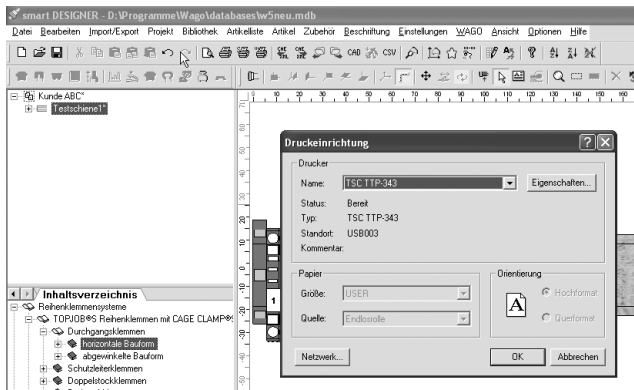


In the marking assistant, it is possible to create an alphabetical or numerical series of repeating entries or counts, entering prefixes or suffixes or of working with a header or footer line.

Upon confirming the inscription twice, the project should appear as follows:



To print out the inscription, first select "Inscription" in the header bar.

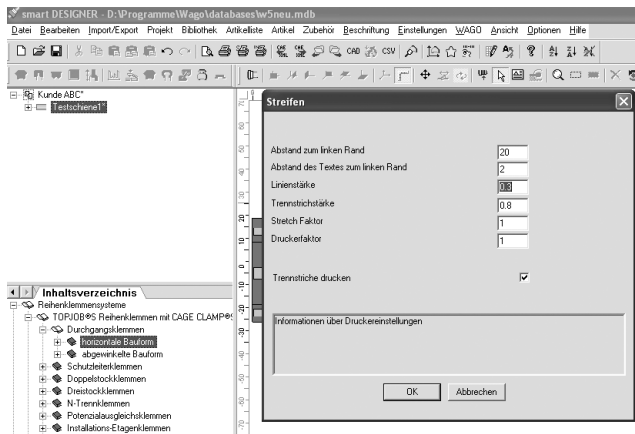


Here select the active driver for the TP343.

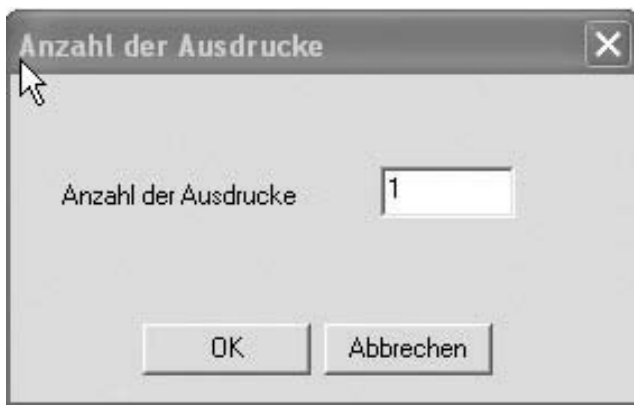
Specify the values for the margins under "Marker strip settings." When both margins combine, they should yield a value of approximately 15 mm.

The line thicknesses can also be changed.

The stretch factor affects the length when printing out endless strips; e.g., if entering a value of 1.02, the 100 mm-strip will automatically be stretched to 102 mm.



Finally select "Print marker strip" under "Markers." It is possible to still enter the number of strips to be printed here:

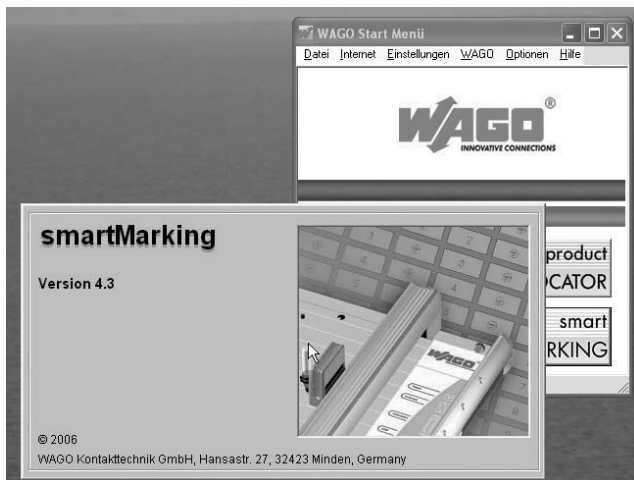


When everything has been set up in the printer driver (cf. Page 21-23), then the print should now be started and output.

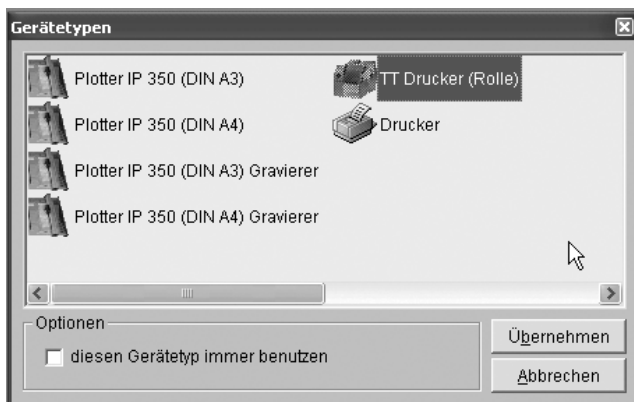
After printing, press the FEED key once to advance the strip for easy cutting.

8.3. Working with smartMARKING

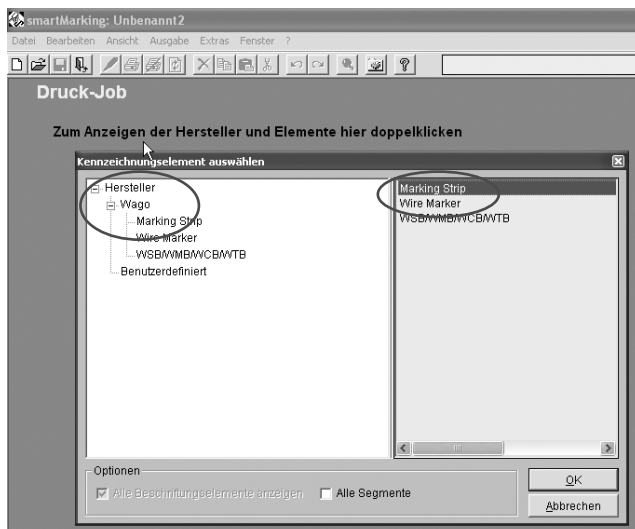
Please start the smartMARKING program in the Start menu.



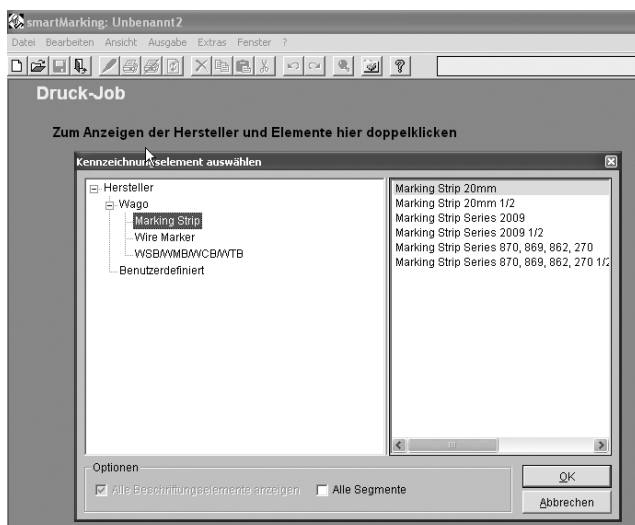
When the program has started, click on FILE - NEW.



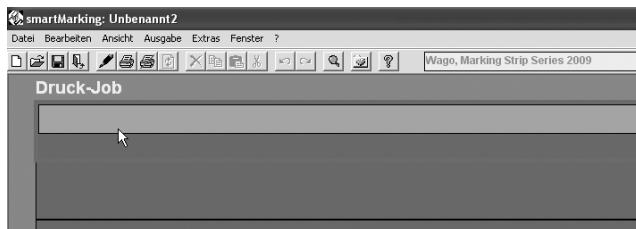
First, the the device selection window will appear. Select "TT printer (roll)" as shown above.



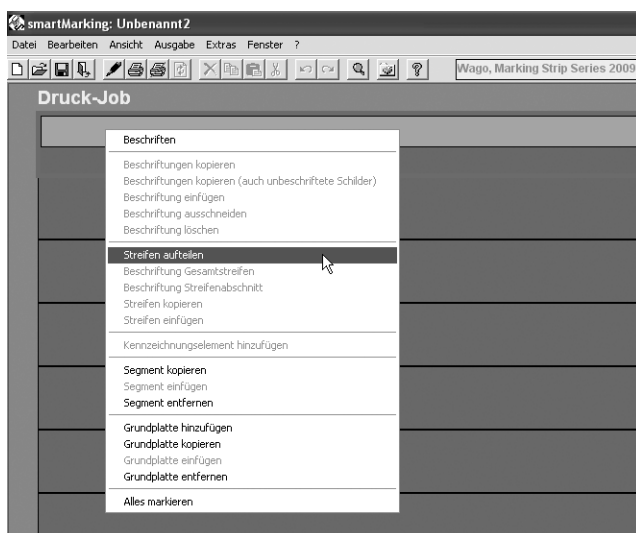
Next, the DATABASE selection window will appear.
Click on WAGO (single click), then on MARKING STRIP (double click).



Select MARKING STRIP Series 2009 for 11-mm strips or MARKING STRIP for Series 870, 869, 862, 270. The adjunct "1/2" represents the horizontal subdivision of the strips.



Next, please mark the strip with a single click with the left mouse button and then press the right mouse button. The mouse pointer should be on the strip.

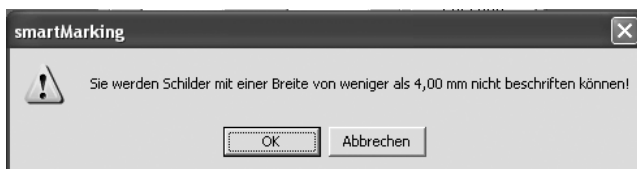


Now select "DIVIDE STRIP."

The following window will open, proceed as follows:

1. Enter the width of the item (e.g., 4.2 mm for TOPJOB®S Series 2001) -> TAB
2. Enter the number of items -> TAB
3. Click ADD and confirm with < ENTER >
4. Continue with connecting items (e.g., partitions).

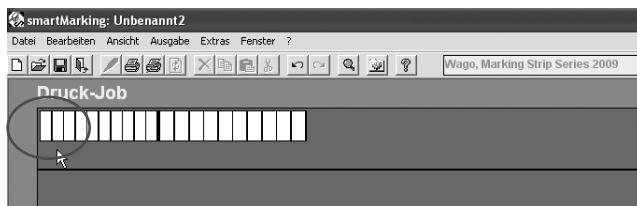
The following message will appear if the terminal block width is less than 4.0 mm:



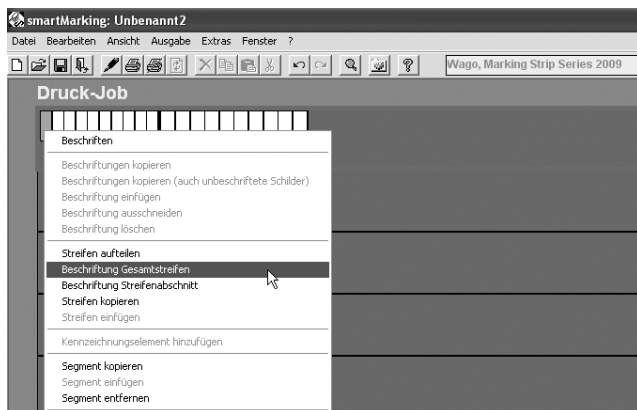
As a rule, partitions are not labeled; this option is therefore deactivated in smartMARKING.

Confirm entries with OK.

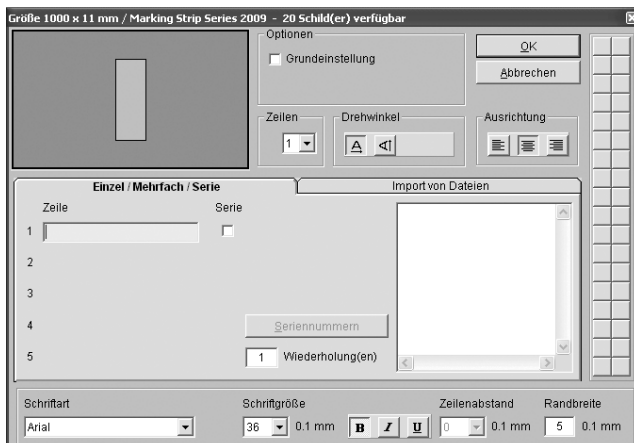
Doing so will yield a result similar to the following:



Click with the left mouse button in the cell at the extreme left; this cell will turn green. Now click the right mouse button again inside this cell. A context field will open. Next, select whether the entire strip, or just a portion, will be inscribed.



Activate "Mark whole strip," for example, and in doing so activate the marking assistant.



There are a number of options for producing an inscription.

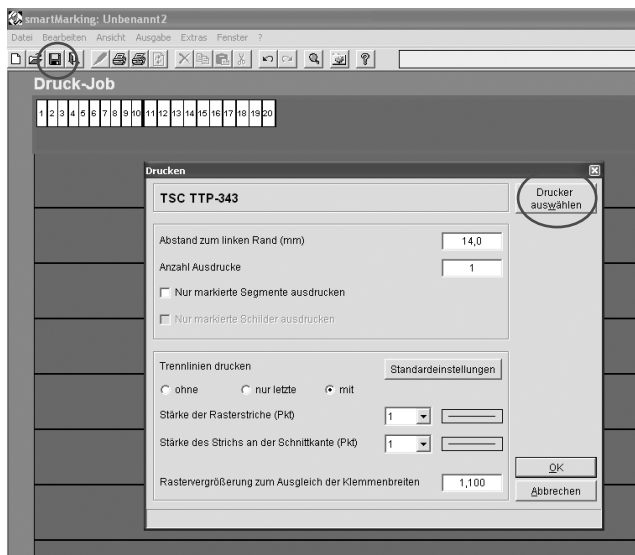
1. Enter a value under Line
2. Duplicate the value by the "Repeat" function
3. It is also possible to enter values in the right-hand free window and jump to the next cell with "Enter."
4. Activate the "Series" box and then click on Serial numbering. Create logical series in the extended context field, if desired.

For additional information, consult the smartMARKING manual, which may be downloaded from the WAGO at

www.wago.com

Print by clicking on the printer icon.





Next, activate the TSC TTP 343 printer driver using “Select printer.” Then click ACCEPT and then CLOSE.

The distance from the left-hand edge is ca. 14–16 mm.

When several projects have been created, activate the “Marked segments only” option if outputting the active project (with the green outline) is desired.

The separating lines (or grid lines) can be deactivated, or the thickness of the grid lines can be changed.

With the grid enlargement feature for compensating for terminal block widths, it is possible to stretch or compress the total length of endless strips. Changes of max. $\pm 3\%$; i.e., input values of 0.97 (-3) to 1.03 (+3) are generally quick to execute.

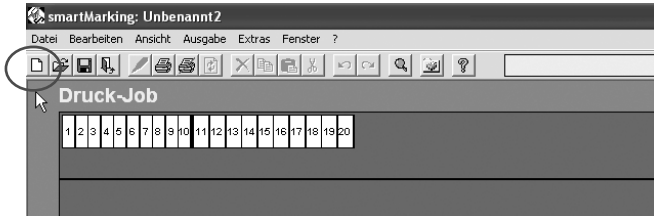
Output the strip by confirming with OK.

Please compare any error messages with the list on Page 49.

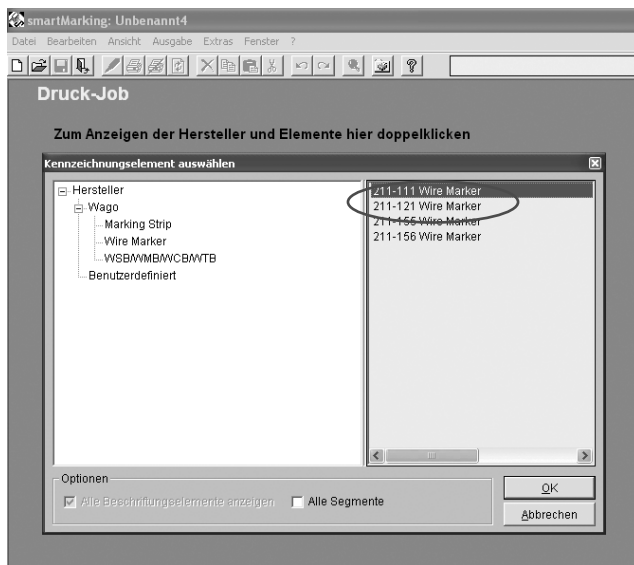
8.4. Preparing the TP343 for printing core markers:

It is only possible to print core markers 211-111 (12 mm) and 211-121 (23 mm) with smartMARKING.



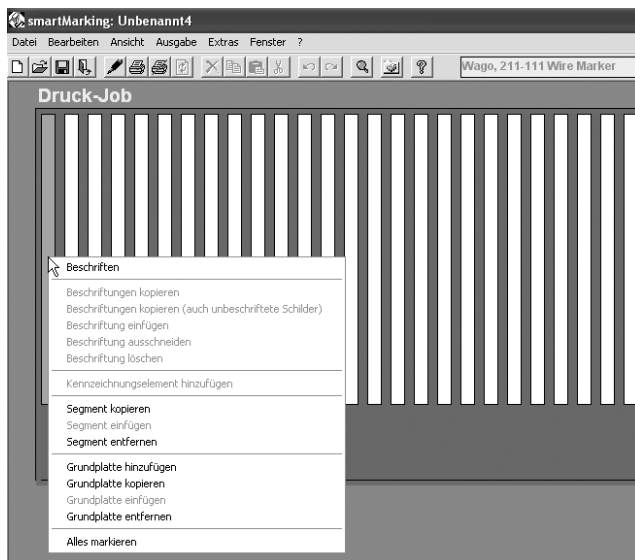


Clicking on the “New project” icon will revert to program to print mode. Next, the screen will switch back automatically to the DATABASE area. Here select WIREMARKER.

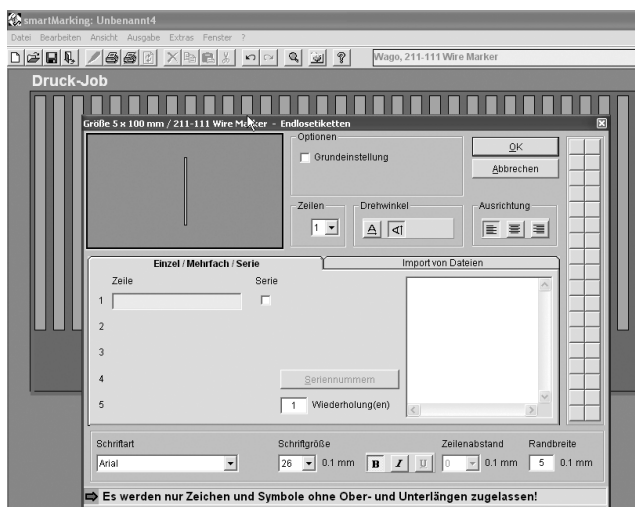


Please select 211-111 or 211-121.

NOTE: It is not possible to output 211-155 and 211-156!



Please mark the left-hand label and press the right mouse button. When doing so, the mouse pointer must be on the marked (green) label. Then activate "Inscribe."



In the marking assistant, there are a number of options for producing an inscription.

1. Enter a value under "Line."
2. Duplicate the value with the "Repeat" Function, if desired.
3. It is also possible to enter values in the right-hand free window and jump to the next cell with "Enter."
4. Activate the "Series" box and then click on "Serial numbering." It is possible to create logical series in a further context field.

The smartMARKING manual contains additional information and may be downloaded from WAGO at www.wago.com.

It is important that the text is left-aligned in this template.

Use OK to confirm entries.

Before starting the print output, first note the following text relates to the preparation of the printer driver and the print output.

Printer driver settings and print out core markers

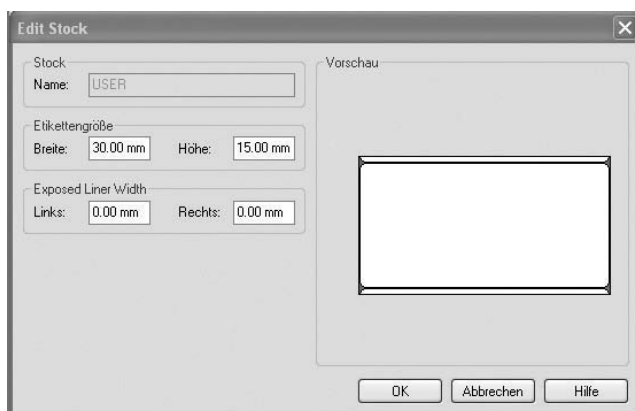
Change the settings in the printer driver.



To do this, open printer driver settings and print out core markers under START -> Printers and faxes -> TSC TTP 343 -> Printer settings.



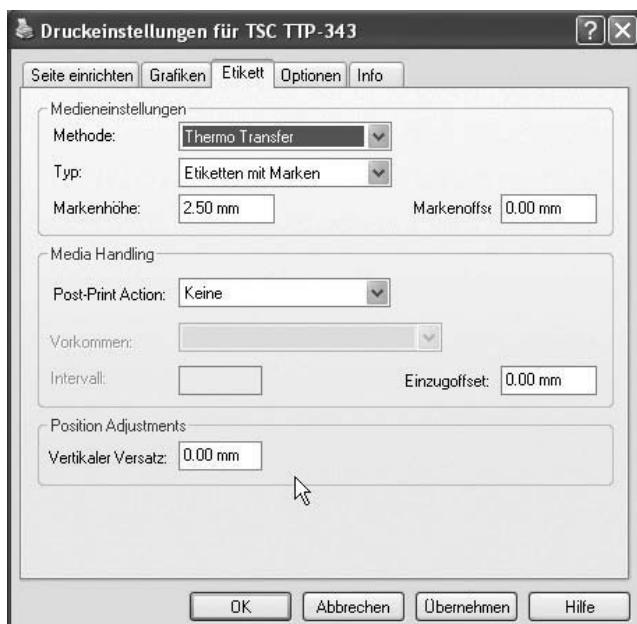
The settings under "Page setup" are the same as those for marker strips. If not having previously worked with strips, then change the USER template under EDIT. Use the values in the illustration below.



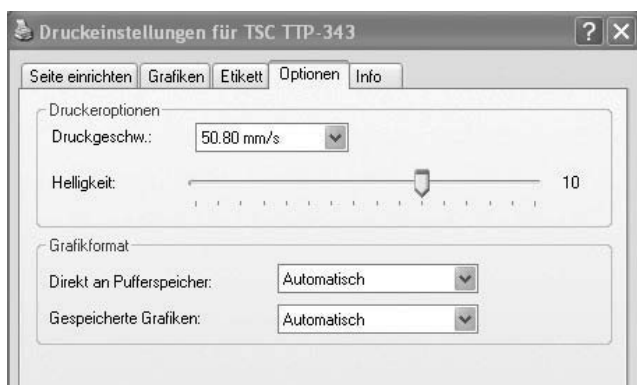
Confirm the change with OK.

There are no changes in the "GRAPHICS" tab.

Please change the options in the "Label" settings as follows:

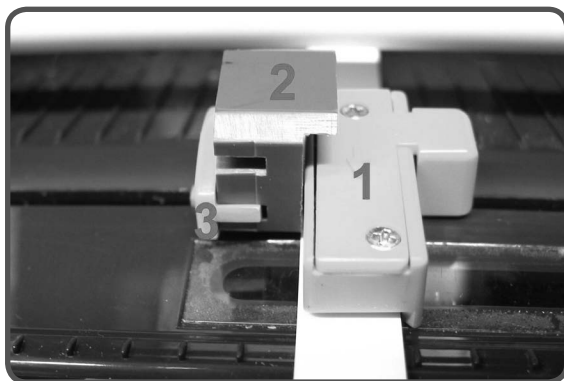


It is also possible to use the settings already made for marker strips in the "Options" tab.

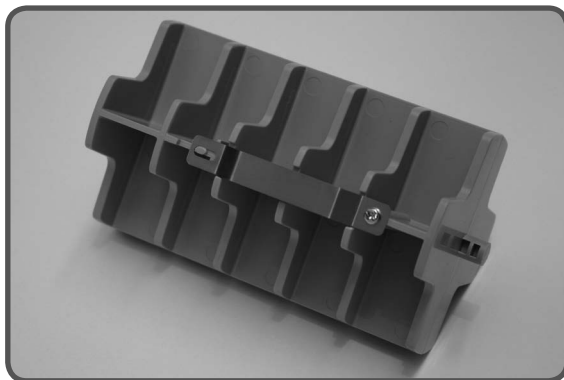


The material is then loaded. To do this, open the printer (cf. Page 8).

Remove the marker strip from within the printer and remove the spool from the unwinder. Then pull the material sensor (1) and the green side section (2) apart and remove the gray strip guide (3). Then pull the material sensor and the green side section apart by ca. 85 mm. The marker sensor (4) can be seen below.



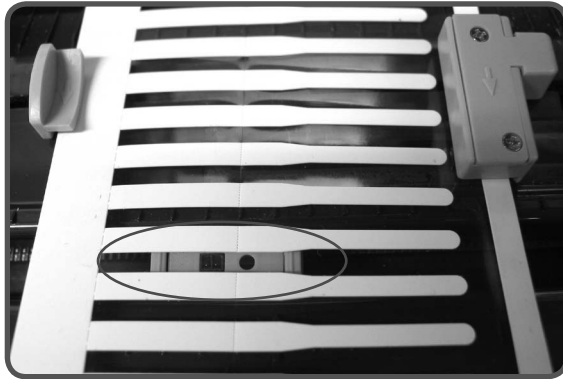
Place the material spool on the 3"-core and place this on the external unwinder.



Feed the material through the opening in the back of the printer as shown in the illustration below.



Push the material sensor and the left-hand side section together close enough that the material is able to run through cleanly and absolutely straight.



Adjust the marker sensor so that it can cleanly detect the gap and the label.

Feed the material over the roller and out of the printer.

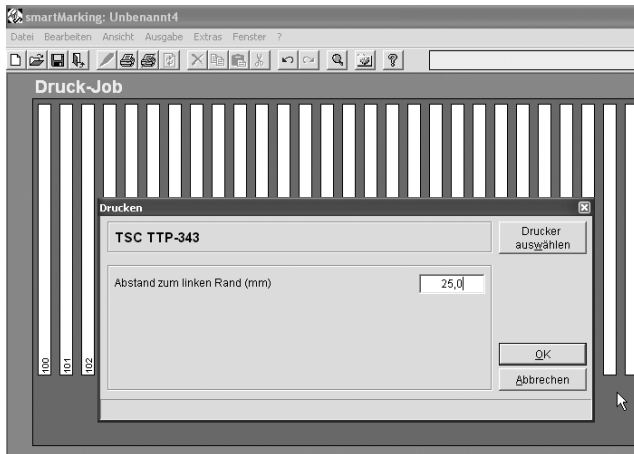
Changing the ink ribbon

Please change the ink ribbon as described on Pages 8–9.

The special ink ribbon 258-150 is required for printing core markers.
Please change the ink ribbon as described on Pages XX.

Printing out core markers

Click the printer icon in smartMARKING to start the printout.



The border is ca. 20 to 25 mm.

Start printing in smartMARKING.

9. Servicing the unit

The printer requires little maintenance.

Regularly cleaning the print head is very important. This ensures a consistently good print image and helps prevent the premature wear of the print head.

CAUTION: The printer must be disconnected from the power outlet before performing any type of service!

The following aids are recommend for cleaning:

- pure alcohol (ethyl alcohol)
- a soft, lint-free cloth or cotton swabs

General cleaning:

During operation, dust particles will collect (especially in the printing mechanism area).

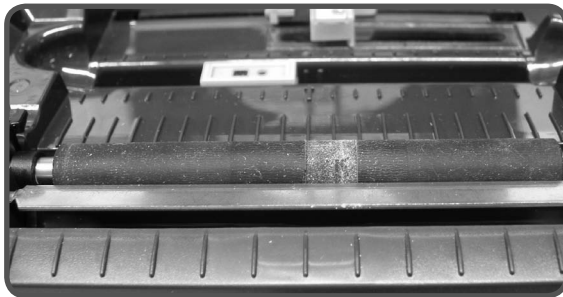
Remove these particles with a soft brush or compressed air.

The external surfaces of the printer may be cleaned with a general purpose cleaner.

WARNING: Do not use abrasive cleaners or solvents!

Cleaning the print roller:

Dirt on the print roller may result in a poor print image and impaired material transport. If the roller resembles the illustration below, then cleaning is required:



To clean the roller, proceed as follows:

1. Disconnect the device from the power supply
2. Open the cover
3. Remove inscription material and transfer foil from the printer
4. Remove all deposits with ethyl alcohol and a soft cloth

9.1. . Cleaning the print head:

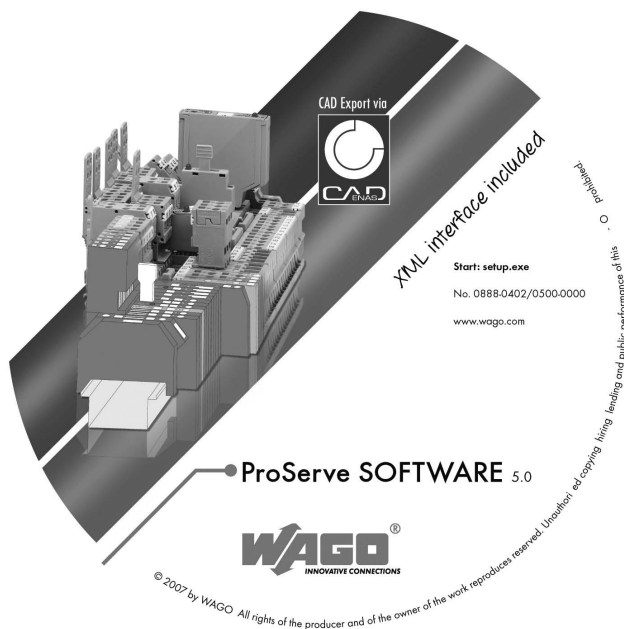
During the print process, contamination (e.g., dust or ink particles from the transfer foil) may accumulate on the print head.

This results in considerable deterioration of the print image quality (e.g., variations in contrast, appearances of bright or vertical streaks). In this case, the print head requires cleaning.

The following cleaning interval is recommended:

Thermal transfer printing – labeling strips 2009-110:

Cleaning should be carried out after 50 printed meters. If the print image quality degrades earlier, then cleaning should be performed immediately.



9.2. Operational faults:

Fault:	Possible cause:	Recommended action:
Printer does not respond	Printer not switched on	Check the mains voltage, switch on the printer
Printer is turned on/does not react	Connection to PC faulty	Check the PC connection
Printer does not respond	Wrong printer driver active	Check the printer driver
Printer executes a strip feed, which is not stopped automatically	Driver set up incorrectly	Press CANCEL; switch to the "Gap" setting in the driver, not "Endless"
Indicator lamp on the unit flashes red when printing	Cover not correctly closed	Check that the top part of the printer is correctly latched in position
Printer outputs the correct strip length, but no printing can be seen	Ink ribbon fitted incorrectly	The coated side must be in contact with the material
Indicator lamp on the unit flashes red when printing, even though the printer initially attempts to print out the job	Ink ribbon not being transported correctly.	Open the transparent cover and try again. If the ink ribbon is not being correctly wound, check that the spindles are correctly seated. If problems still occur, contact ProServe support.
Printer outputs the correct strip length, but no printing, or only the grid separating lines can be seen	Margin setting in smartDesigner or smartMARKING not correct	Check settings
Printer outputs the strip correctly, but the text image is very weak	Print heat not set correctly	Check settings
Printer outputs the strip correctly, but the text image is poor/very light or smudged and has blank sections	Print head dirty	Please clean print head
The strip becomes shorter over time although the same length is always output in the software project	Roller dirty	Please clean roller so that it grips again
Ink ribbon breaks	Printing temperature too high	Reduce printing temperature in the printer settings
Ink ribbon breaks	Tension of the ink ribbon winder too high	Please contact the ProServe Support Hotline.

9.3. Calibrating the marker sensor for material with gaps:

The TP343 is set up both for endless application (markingSTRIP) and for the application of material with gaps (labels) or material with markers (WireMarker 211-111 or -121).

If the red TP343 lamp flashes during printing, despite having the correct driver settings and is not exhibiting a fault that is outlined in the table above, then recalibrate the material.

Switch the unit off to change over to material with gaps.

With the unit off, press and hold the FEED BUTTON.

Switch the unit on and wait for the following color combination:

- 1 x green
- 1 x yellow
- 5 x red

Then release the FEED button. The printer will pull approximately 20 markers through in order to correctly adjust the marker sensor. After this, it should be possible to output label-by-label with the FEED button.

Restart the print job, it should output correctly.

Please contact the ProSERVE with any remaining questions!

9.4. Registration form

Sehr geehrter Kunde,

vielen Dank, dass Sie sich für ein WAGO-Beschriftungsgerät entschieden haben.

Bitte nehmen Sie sich 2 Minuten Zeit und faxen den ausgefüllten Registrierungsbogen an WAGO zurück.

Dear Customer;

Thank you for choosing the WAGO marking system.

Please take 2 minutes of your time to fax the completed registration form to WAGO.

Fax-No. ++49 (0) 571 - 8 87 86 56

Serien-Nummer/serial number: _____

Kaufdatum/date of purchase: _____

Firmenangaben/Company Details:

Firma (Company) : _____

Ansprechpartner (Contact Person)/Abt. (Dept.): _____

Anschrift (Address): _____

Tel. (Phone): _____

Fax: _____

E-Mail: _____

System:

- ☐ MicrosoftVISTA
- ☐ Windows XP
- ☐ Windows 2000
- ☐ Windows NT 4.0

Bevorzugte Anwendung/ Preferred Application

- ☐ Marking Strip

ProServe-Version:

- ☐ 5.0 ☐ _____

Vielen Dank. Mit Ihrer Registrierung bleiben Sie stets auf dem neusten Software-Stand. Wir informieren Sie bei Änderungen im Treiber- und Firmware-Bereich. Wir wünschen Ihnen viel Freude mit dem neuen Gerät.

Wago Kontakttechnik GmbH & (nach Schweizer Recht) Co. KG

By registering, you will always be kept up to date with the latest software. We will let you know about any changes in the driver and firmware. Thank you very much for your time.

Wago Kontakttechnik GmbH & (nach Schweizer Recht) Co. KG



WAGO Kontakttechnik GmbH & Co. KG
Postfach 28 80 · D-32385 Minden
Hansastraße 27 · D-32423 Minden
Telefon (0571) 887-0
Telefax (0571) 887-169
info@wago.com
www.wago.com

Support Hotline ProServe:
Telefon (0571)887-630
Telefax (0571)887-8630
support.proserve@wago.com